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FORM PTO-1449 (REV. 7-89) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) DATE MAILED: May 23, 2002	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PA113B1C1	SERIAL NO. 10/021,865
	APPLICANT Strich et al.			
	FILING DATE December 17, 2001		GROUP 2664	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
/JATM/	A1 4 4 3 5 8 4 0	03/06/84	Kojima et al.	455	33	
	A2 4 5 4 9 3 1 1	10/22/85	McLaughlin	455	277	
	A3 4 4 8 5 4 8 6	11/27/84	Webb et al.	455	33	
	A4 4 6 5 2 8 8 0	03/24/87	Moeller et al.	342	373	
	A5 4 7 0 4 7 3 4	11/03/87	Menich et al.	455	33	
	A6 4 7 2 6 0 5 0	02/16/88	Menich et al.	379	60	
	A7 4 7 5 0 0 3 6	06/04/88	Martinez	358	147	
	A8 4 9 0 1 3 0 7	02/13/90	Gilhousen et al.	370	18	
	A9 5 0 2 1 8 0 1	06/04/91	Smith et al.	343	876	
	A10 5 0 4 8 1 1 6	09/10/91	Schaeffer	455	33	
	A11 5 1 0 3 4 5 9	04/07/92	Gilhousen et al.	375	1	
	A12 5 1 8 7 8 0 6	02/16/93	Johnson et al.	455	15	
	A13 5 1 9 3 1 0 9	10/25/91	Lee	379	60	
	A14 5 2 3 5 6 1 6	08/10/93	Sebilet	375	1	
	A15 5 2 4 1 6 8 5	08/31/93	Bodin et al.	455	33.2	
	A16 5 2 4 5 6 2 9	09/14/93	Hall	H04k	1/00	
	A17 5 2 6 5 2 6 3	11/23/93	Ramsdale et al.	455	33.2	
	A18 5 3 1 7 5 9 3	05/31/94	Fulghum et al.	375	1	
	A19 5 3 4 3 1 7 3	08/30/94	Baldois et al.	333	126	
	A20 5 4 0 4 5 7 6	04/04/95	Yahagi	455	56.1	
	A21 5 4 2 2 9 0 8	06/06/95	Schilling	375	203	
/JATM/	A22 5 4 2 8 8 1 8	06/27/95	Meidan et al.	455	33.3	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
/JATM/	B1	9 2 1 0 0 7 4	06/24/93	PCT	Arraycomm, Incorporated	H04B	7/26
	B2						
	B3						

Customer No. 23696

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JATM/

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Sheet 2 of 2

FORM T-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PA113B1C1	SERIAL NO. 10/021,865
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Strich et al.	
DATE MAILED: May 23, 2002	FILING DATE December 17, 2001	GROUP 2664

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

/JATM/	C1	Nagub, Ayman F. et al., "Capacity Improvement with Base-Station Antenna Arrays in Cellular CDMA", IEEE Transactions on Vehicular Technology, Vol. 43, No. 3, August 1994, pgs 691-698.
/JATM/	C2	Suzuki, Mitsuyoshi et al., "Frequency Re-using Pattern for Forward Link of Orthogonal CDMA Cellular Systems," IEICE Trans. Commun., Vol E77-B, No. 6, June 1994, pgs 838-842.
/JATM/	C3	Swales, S.C. et al. "A Spectrum Efficient Cellular Base-Station Antenna Architecture", Sixth International Conference on Mobile Radio and Personal Communications, Conference Publication No. 351, pgs 272-279 1991
/JATM/	C4	Swales, S.C. et al., "Multi-Beam Adaptive Base-Station Antennas for Cellular Land Mobile Radio Systems", 39 th IEEE Vehicular Technology Conference, Vol I, May 1-3, 1989 San Francisco, California, pgs 341-348
/JATM/	C5	"Smart Antenna Module," Northern Telecom Inc., October 5, 1993, 4 pages
/JATM/	C6	"PCS 1900 Advanced Services Generating Revenue for PCS Providers," Northern Telecom Inc., September 1993, 13 pgs.
EXAMINER /Juan Torres/		DATE CONSIDERED 06/23/2008
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		